

About IABG

We are a closely networked business group and offer integrated, future-oriented solutions in the sectors Automotive • InfoCom • Mobility, Energy & Environment • Aeronautics • Space • Defence & Security. We understand the requirements of our customers and support them independently and competently. We implement effectively, efficiently and with target orientation. We operate reliably and sustainably. Our international market presence and our success are based on technological excellence and a fair relationship to our customers and business partners.

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AUTOMOTIVE



INFOCOM



MOBILITY,
ENERGY &
ENVIRONMENT



AERONAUTICS



SPACE



DEFENCE &
SECURITY

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IABG. The Future.



High Risk Testing

Fire and Flammability Tests

Cover picture: fire test on a CFRP-tank

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IABG provides a full service for fire and flammability testing on

- Structures and components exposed to fire, pressure or heat



Fire tests

- According to international specification standards, e.g. EC 79, R 134, DIN EN 45545, or customer specific requirements
- Local or global firing
- Freely adjustable temperature gradation
- Complete instrumentation with temperature and pressure sensors or strain gauges
- Test specimen, such as hydrogen, helium and nitrogen tanks, can be pressurized with different mediums
- The tests are monitored by high speed video and a thermal imaging camera

Flammability tests

- According to international specification standards, e.g. IEC 60695, JAR §25.869, RTCA/DO-160G, UL 94 HB, DIN EN 45545, or customer specific requirements



Fire test based on DIN EN 45545

Why you should rely on us

We are a neutral company helping our customers meet mandatory fire and flammability test regulations. We provide insights how test objects react in worst case scenarios along with analyses of their potential weaknesses. According to the test results, we issue certifications that enable market access and facilitate sales.



IABG Sites

